

FIGURE 1: FEEDBACK CONTROL SYSTEM

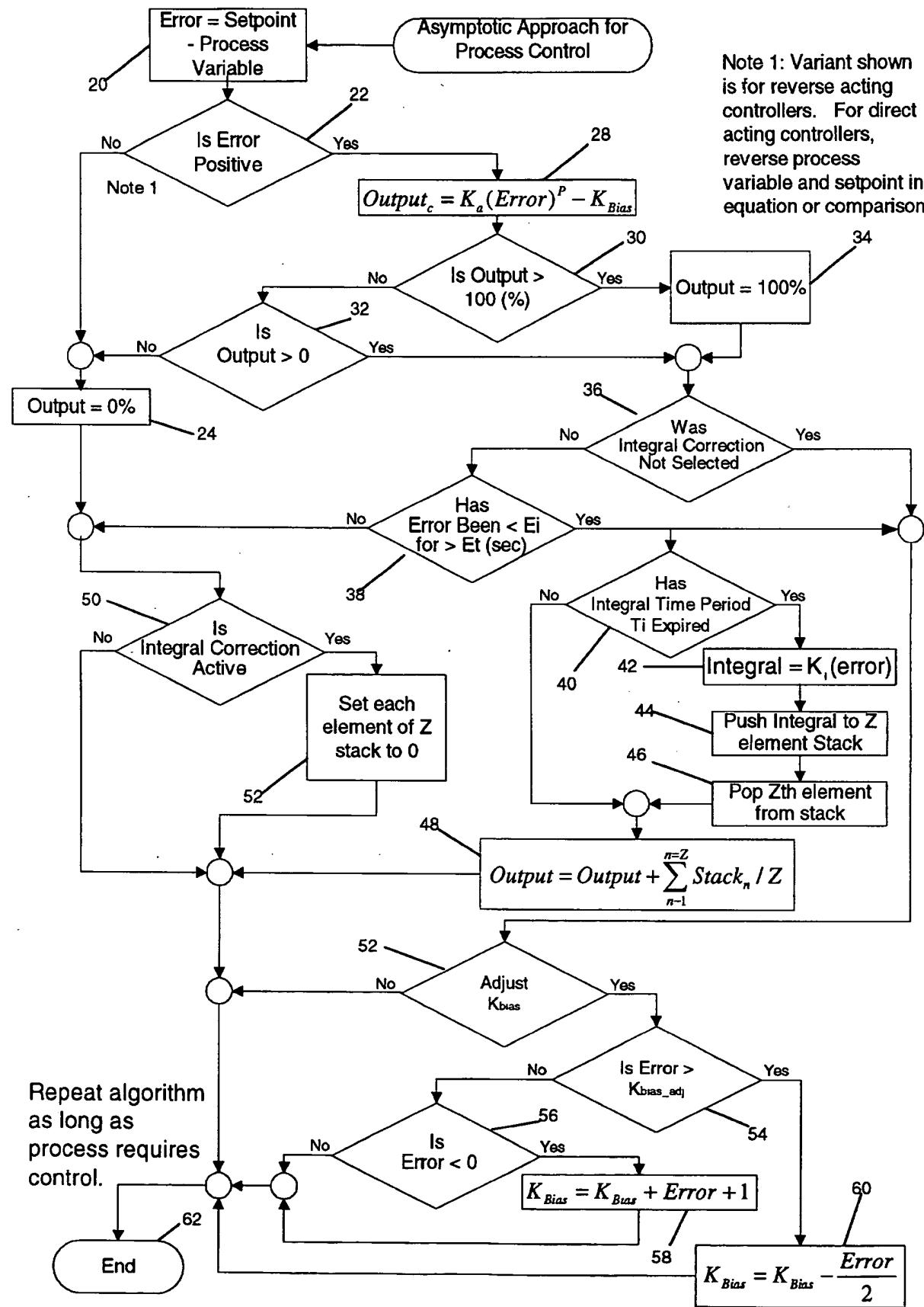
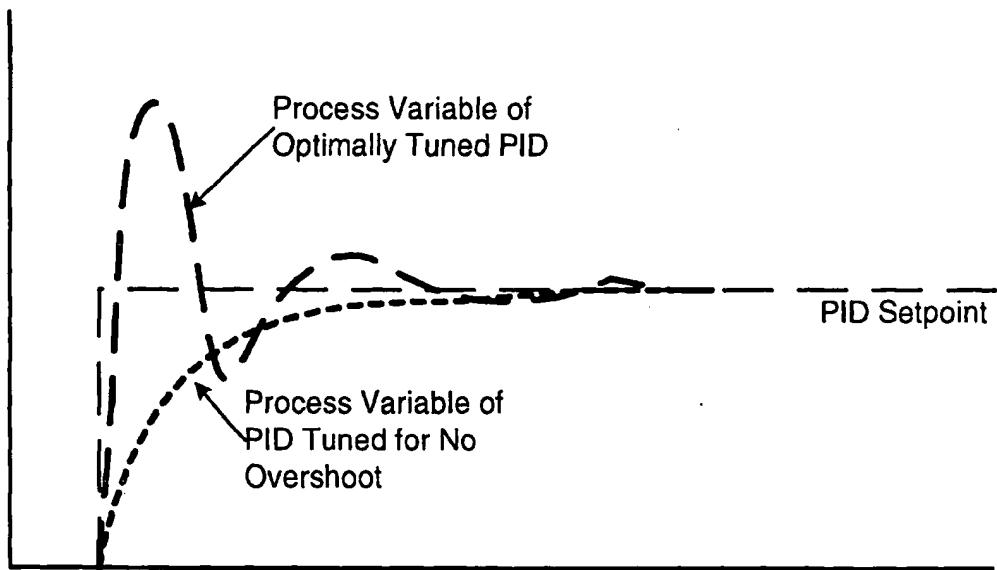
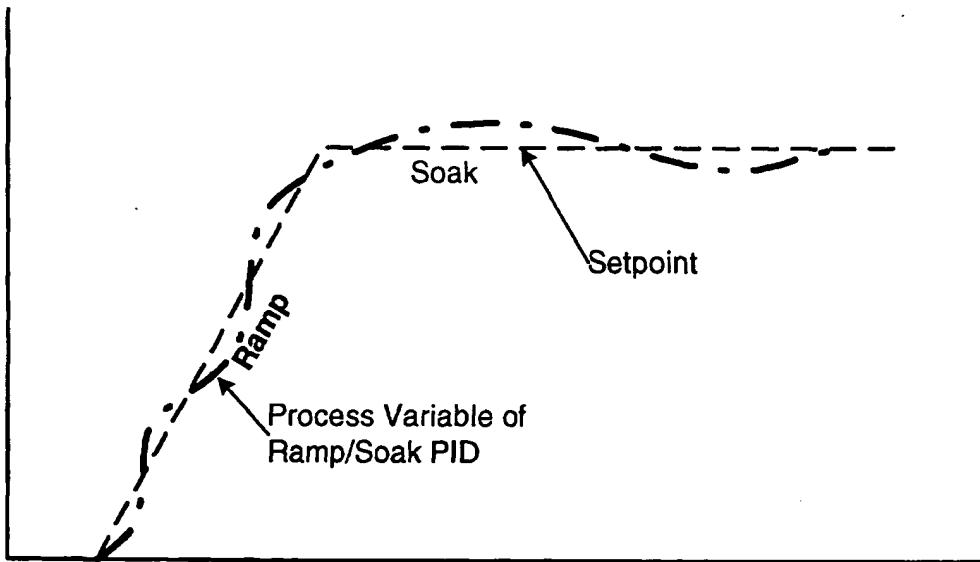


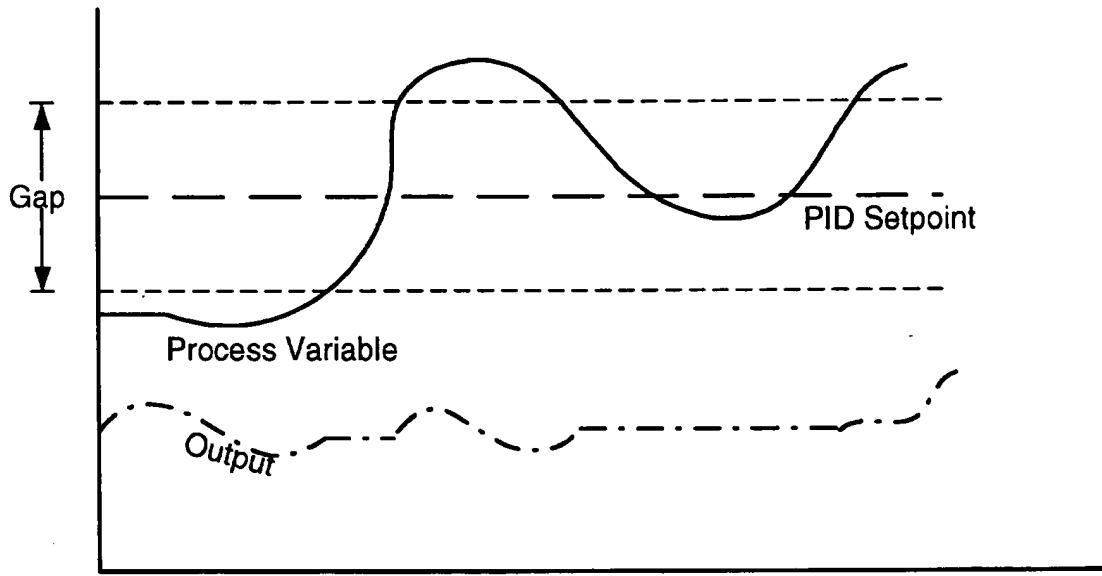
Figure 2: ASYMPTOTIC APPROACH ALGORITHM FLOWCHART



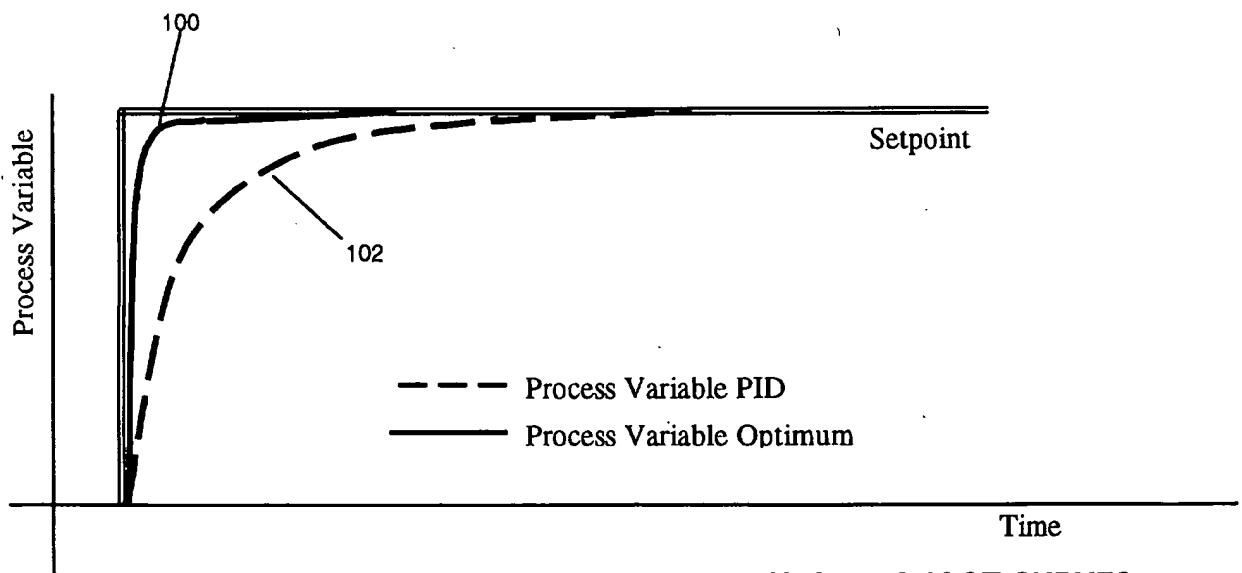
**Figure 3: OPTIMALLY TUNED PID CONTROLLER CURVE**  
**Prior Art Reference**



**Figure 4: RAMP/SOAK CONTROLLER CURVE  
Prior Art Reference**



**Figure 5: PID GAP CONTROLLER CURVE  
Prior Art Reference**



**Figure 6: ASYMPTOTIC APPROACH / PID W/O OVERSHOOT CURVES**